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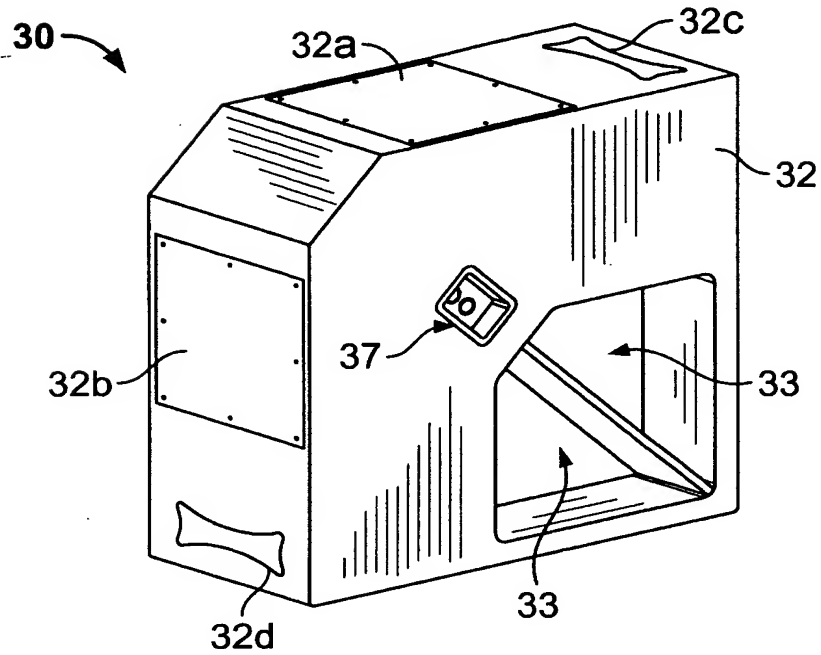


FIG. 2A

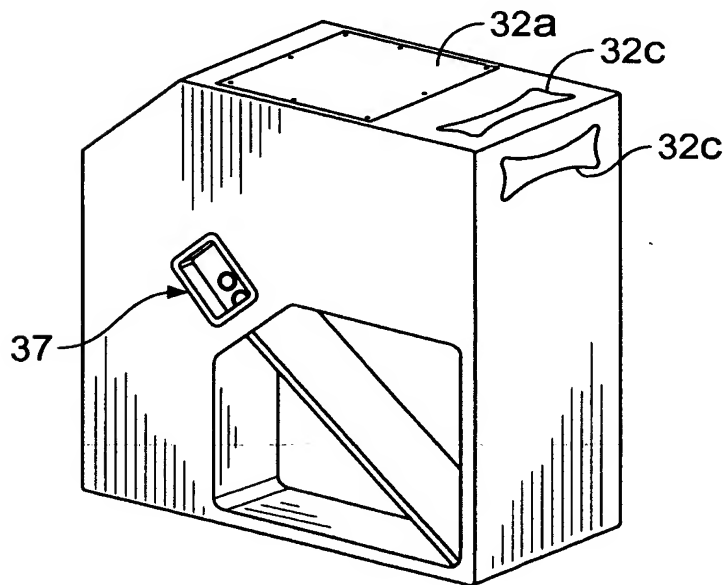
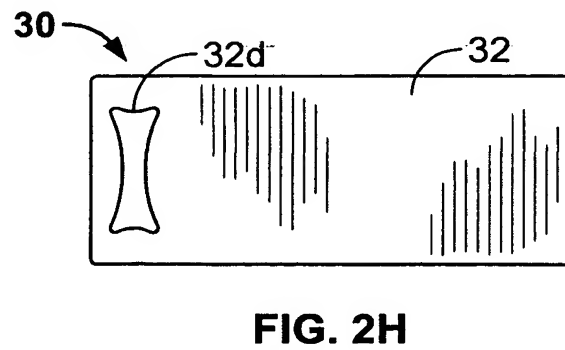
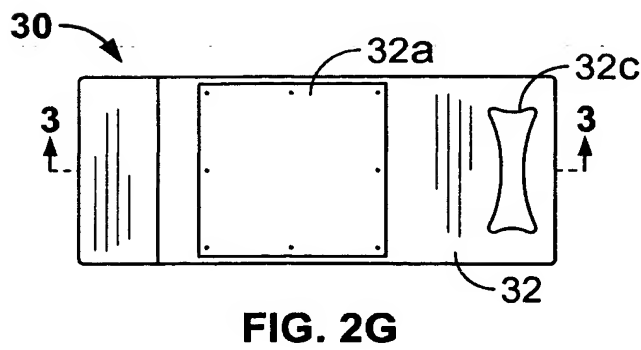
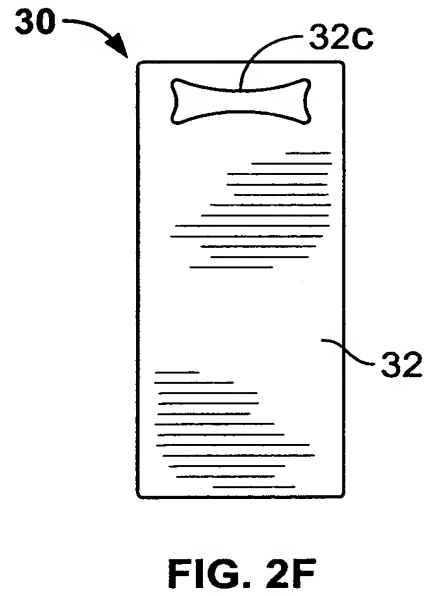
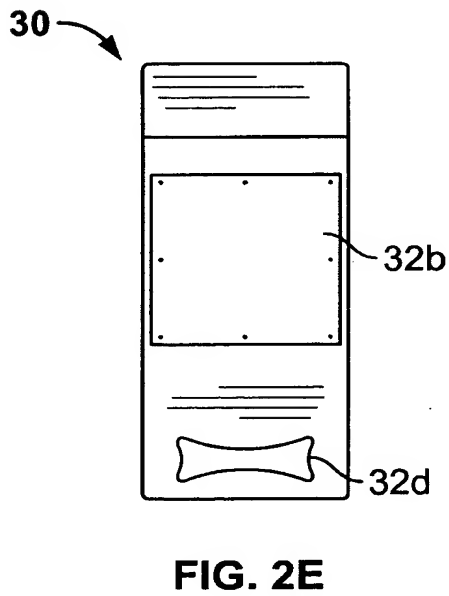
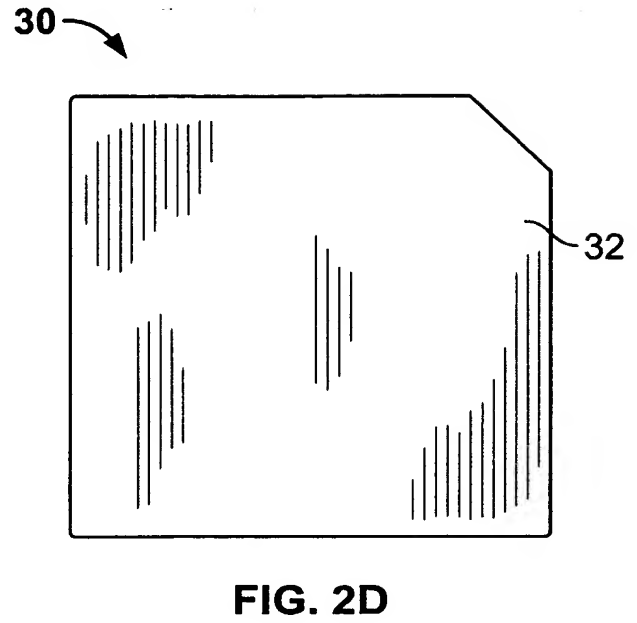
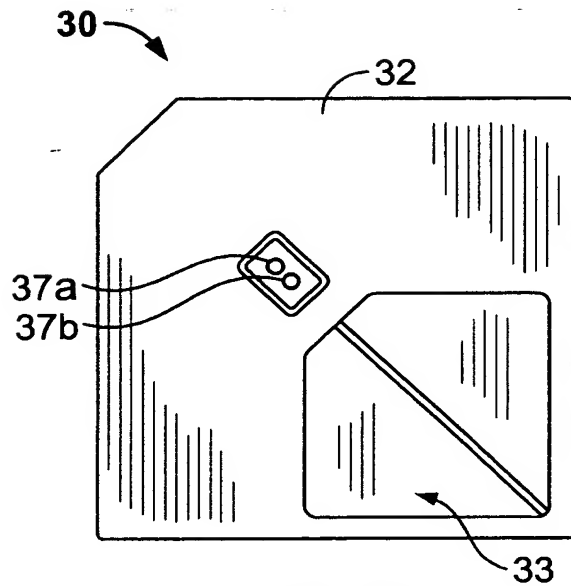


FIG. 2B

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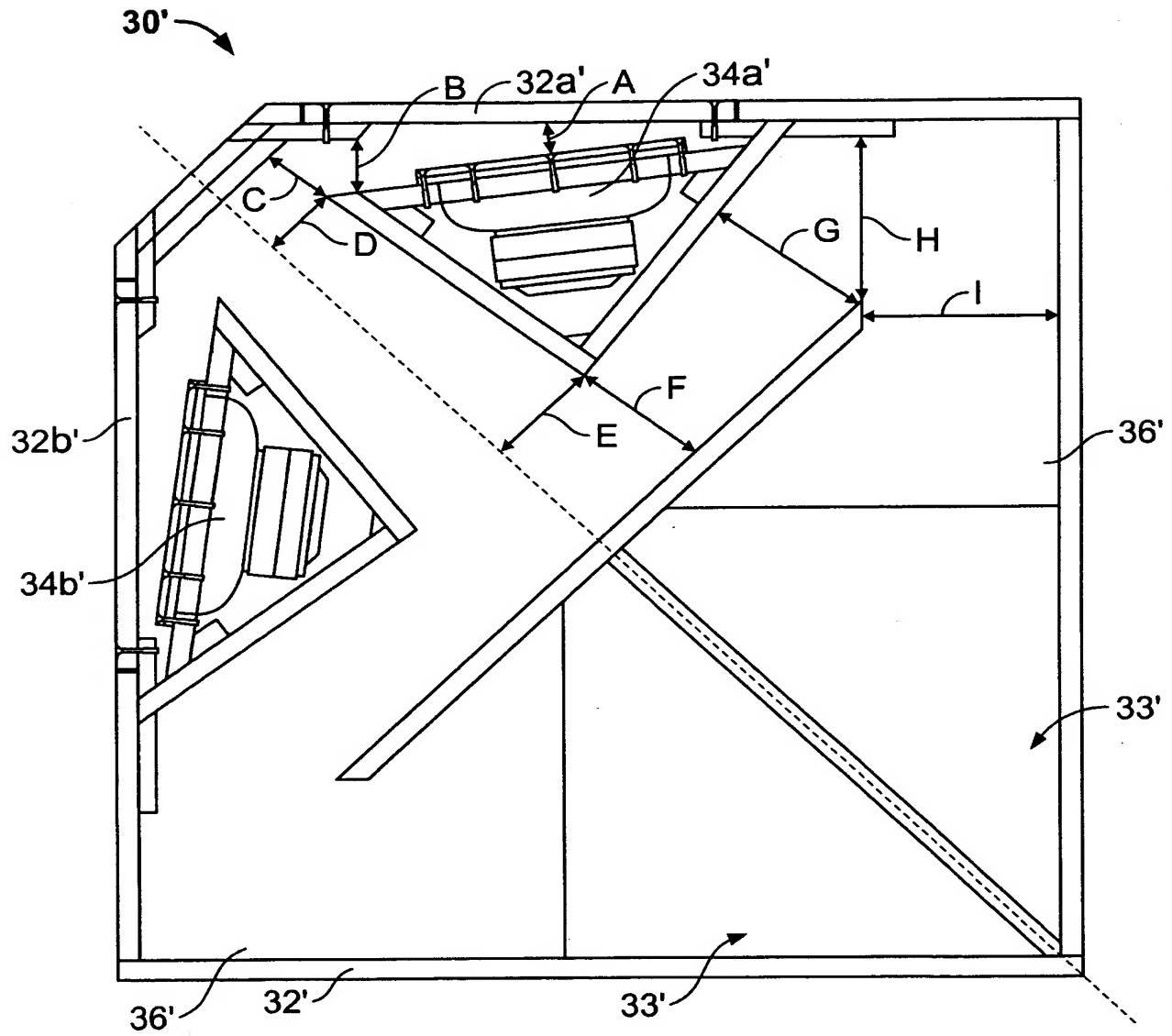


FIG. 4

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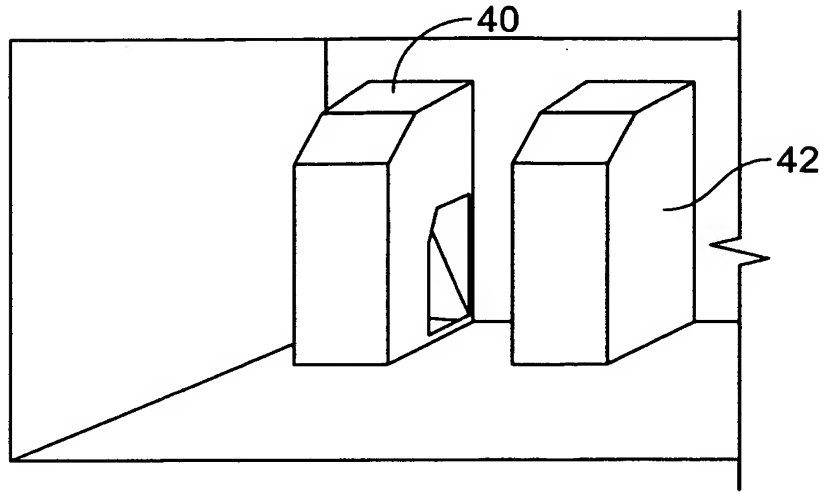


FIG. 5A

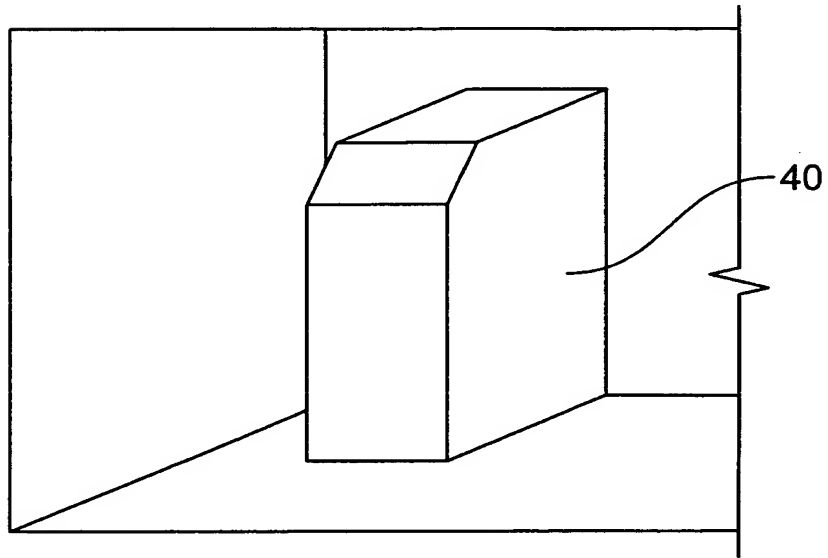


FIG. 5B

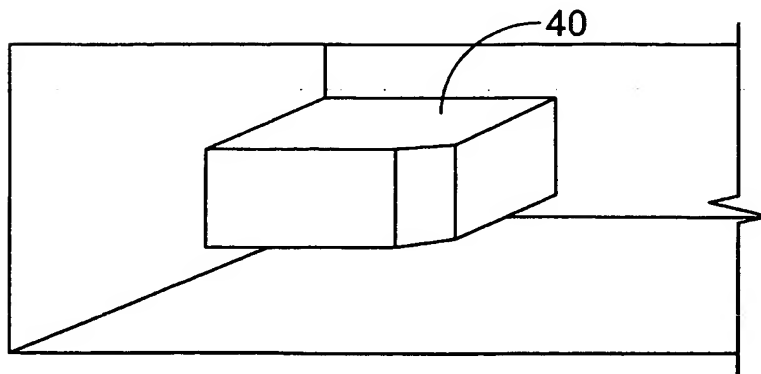
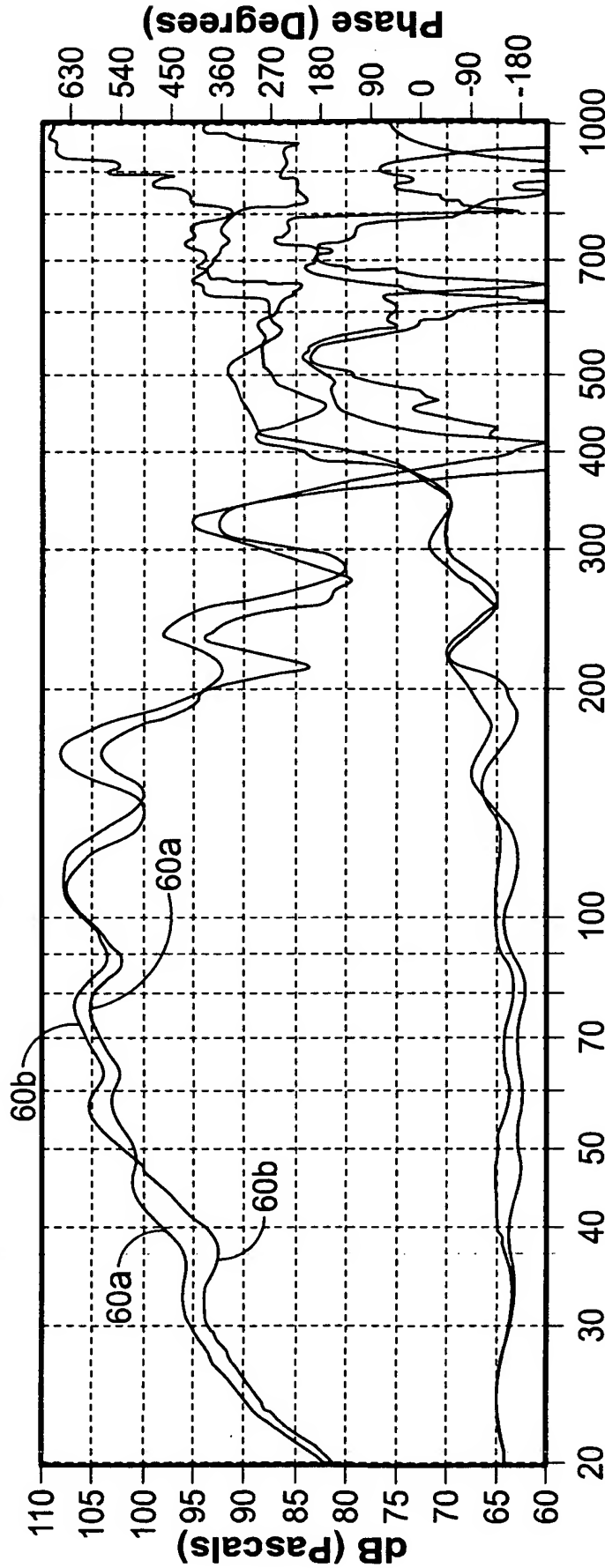


FIG. 5C

2048 Samples in 20.0s, Frequency Res=7.0Hz, Time Res=142.86 ms(161.43 feet)



Frequency (Hz) Octave Smoothing=12.0% by Vector

FIG. 6

2048 Samples in 20.0s, Frequency Res=7.0Hz, Time Res=142.86 ms(161.43 feet)

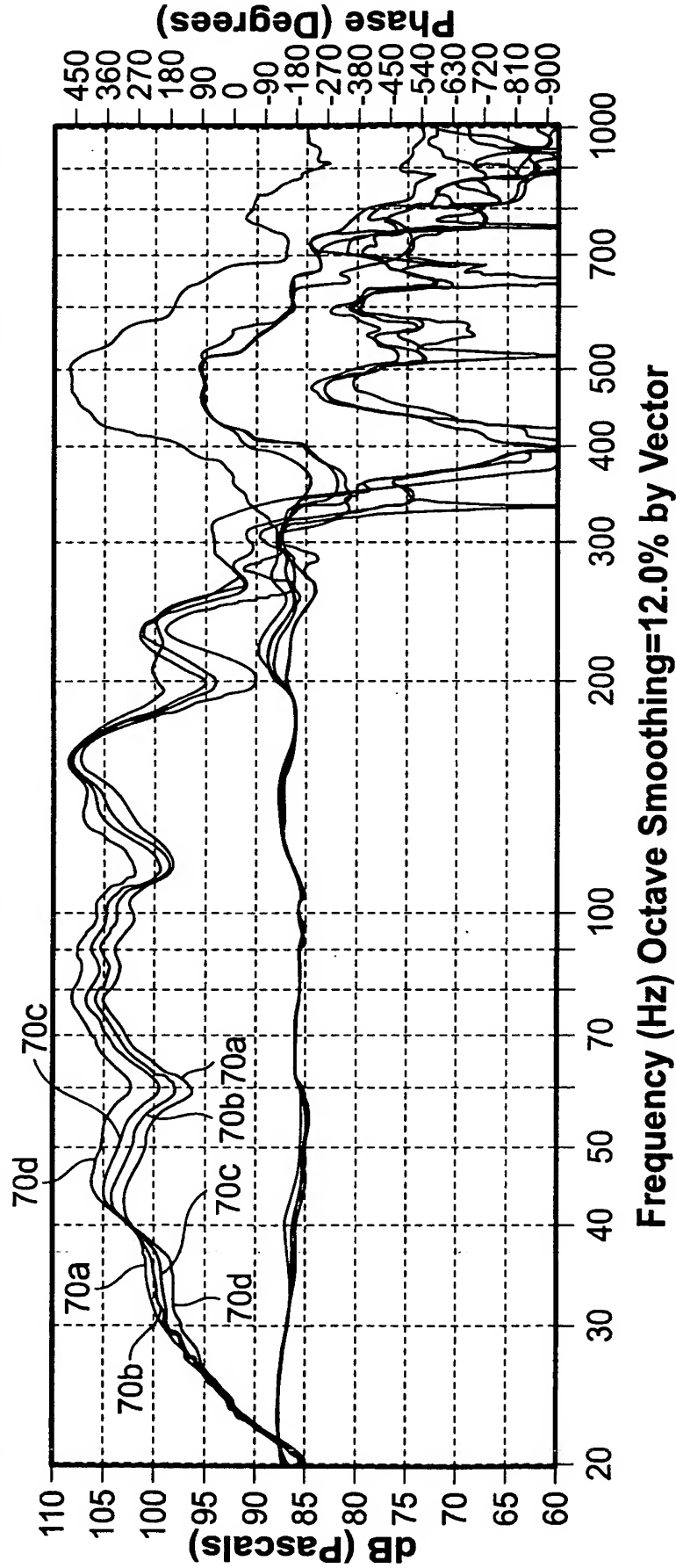


FIG. 7

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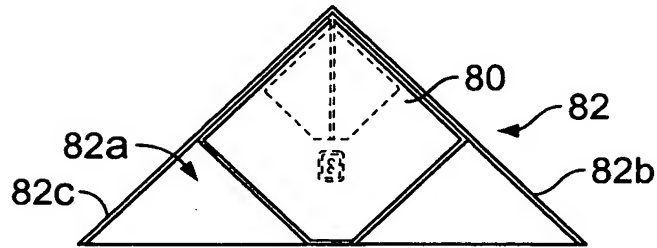


FIG. 8A

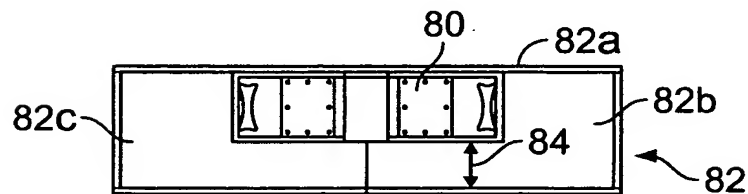


FIG. 8B

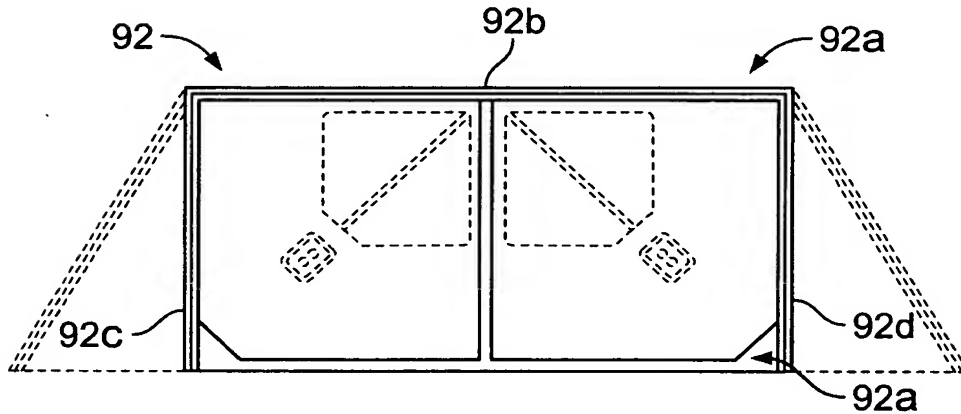


FIG. 9A

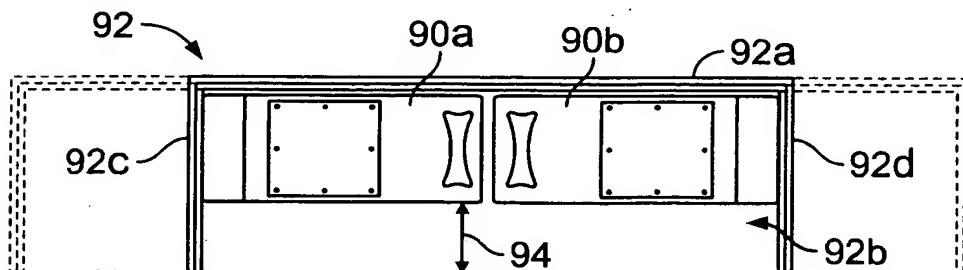


FIG. 9B

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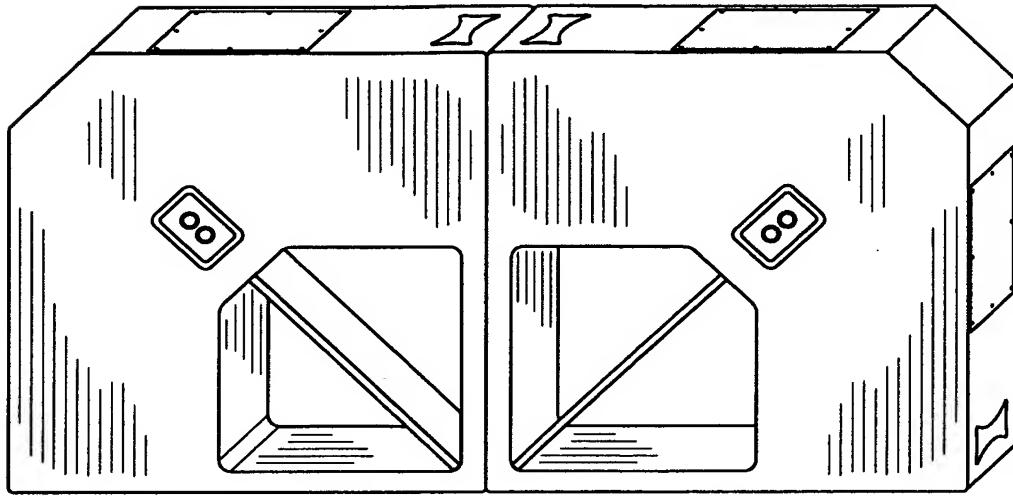


FIG. 10A

110

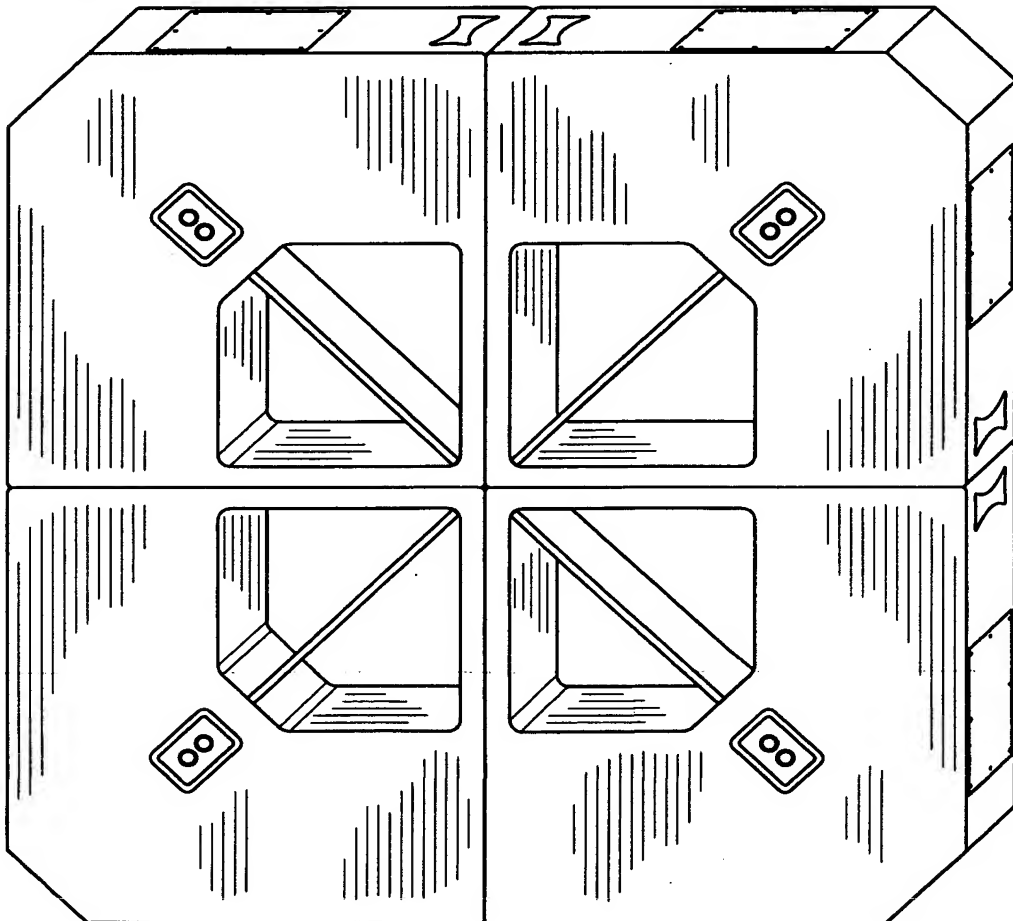


FIG. 11A

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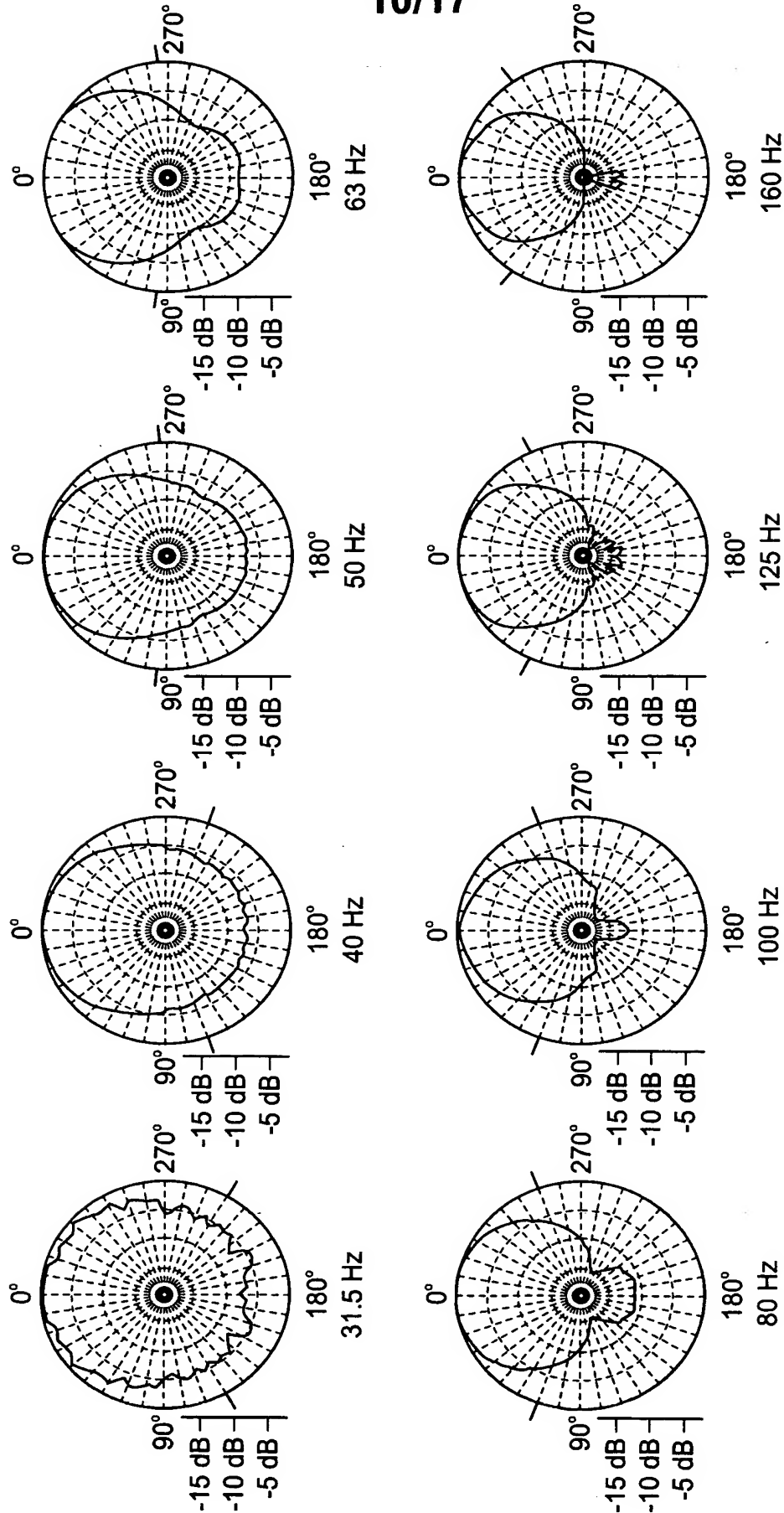


FIG. 10B

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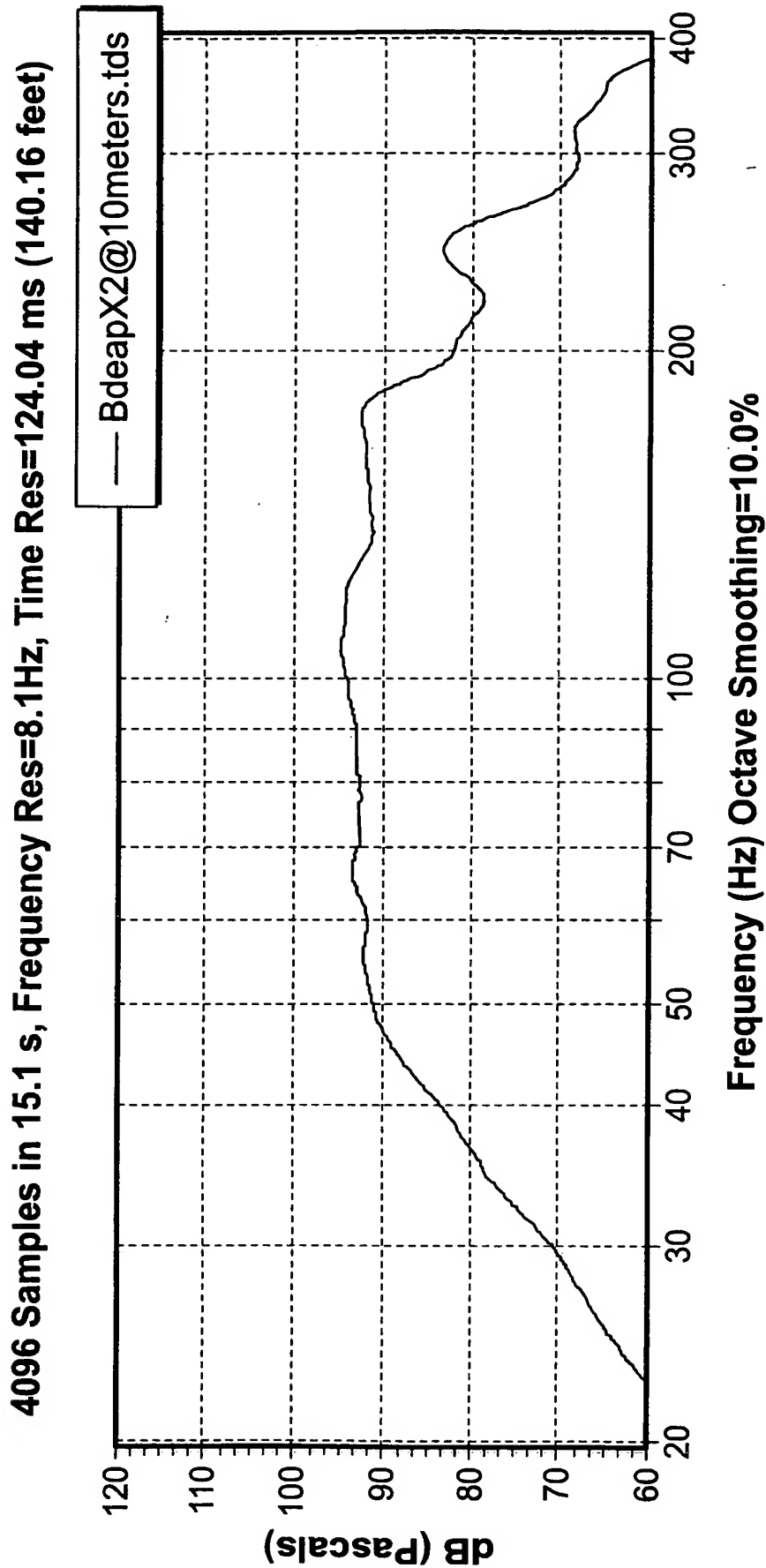


FIG. 10C

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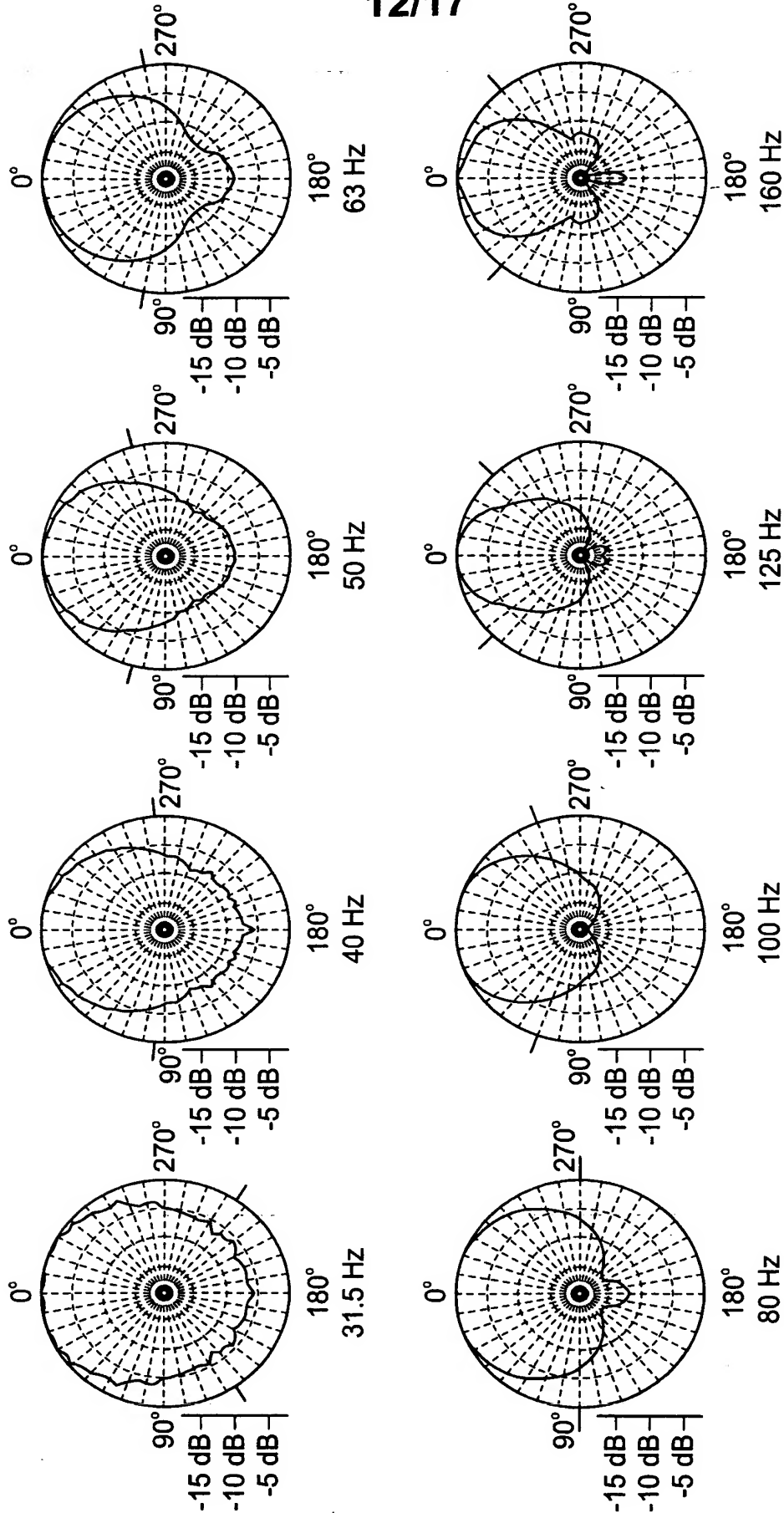


FIG. 11B

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4096 Samples in 15.1 s, Frequency Res=8.1Hz, Time Res=124.04 ms (140.16 feet)

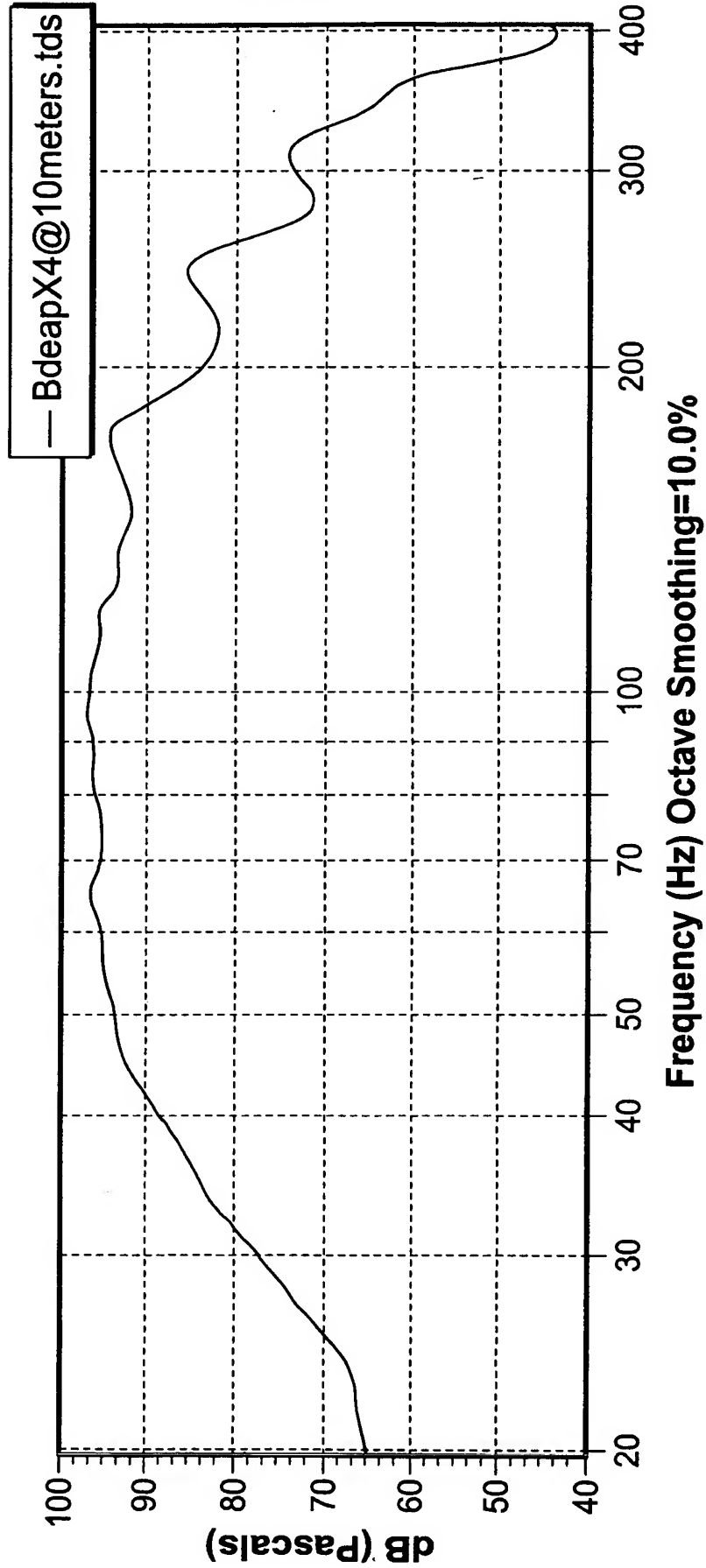


FIG. 11C

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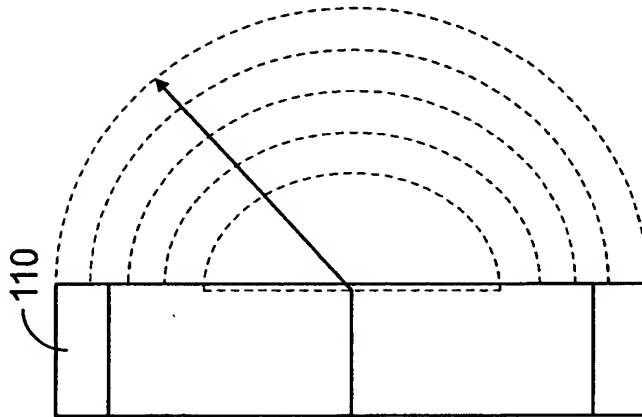


FIG. 12B

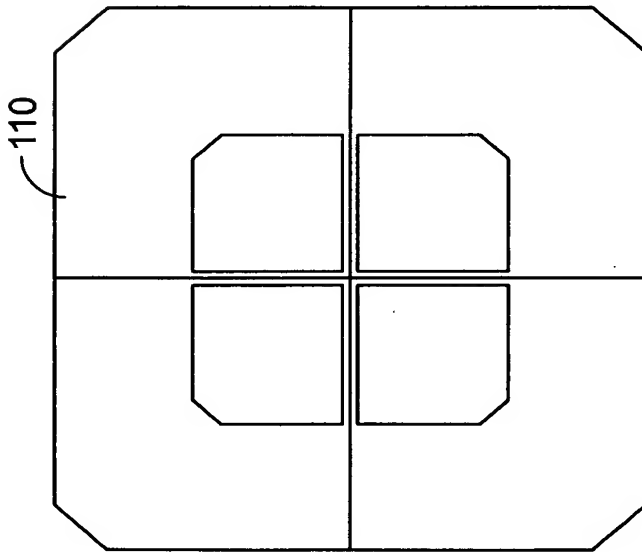


FIG. 12A

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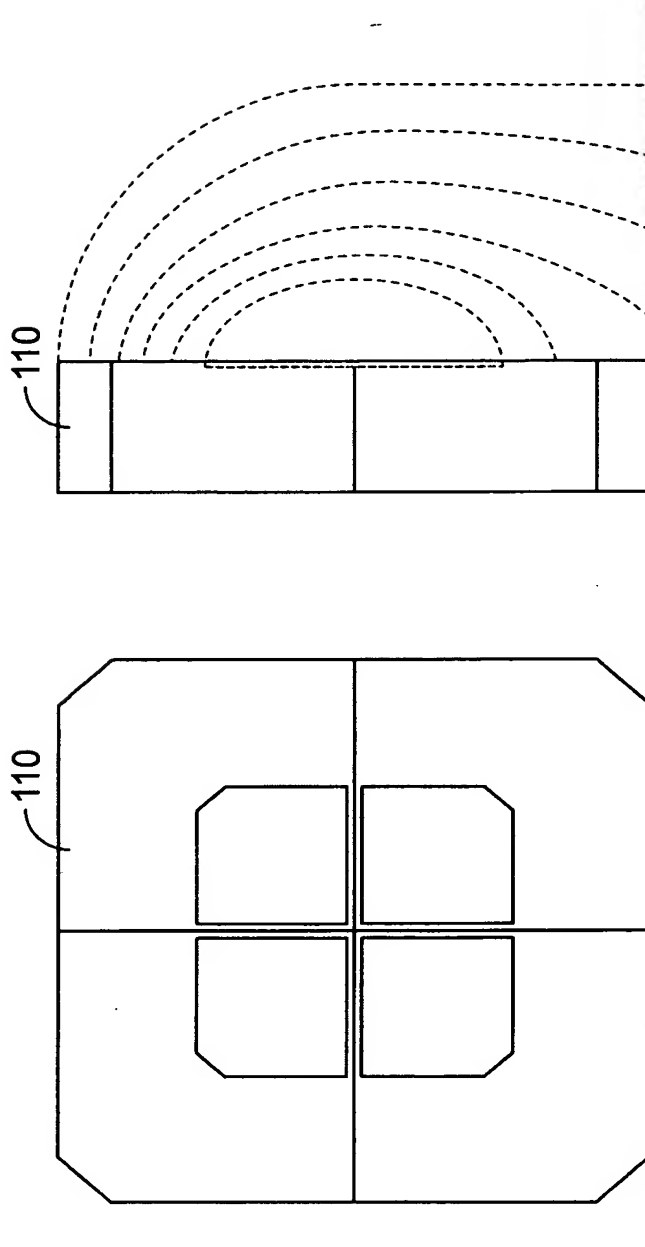


FIG. 13B

FIG. 13A

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8192 Samples, Frequency Res=3.0Hz

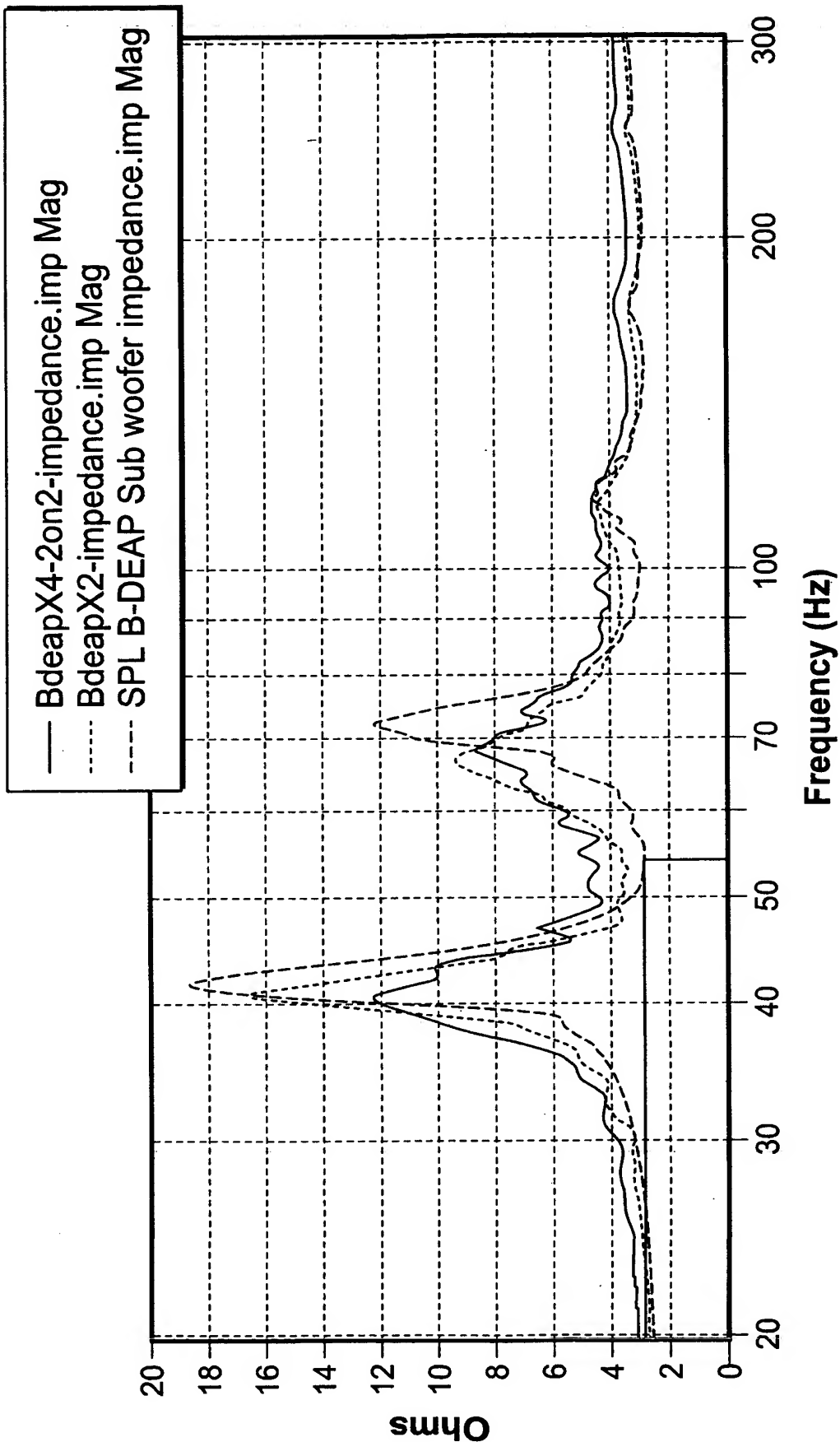


FIG. 14A

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8192 Samples, Frequency Res=3.0Hz

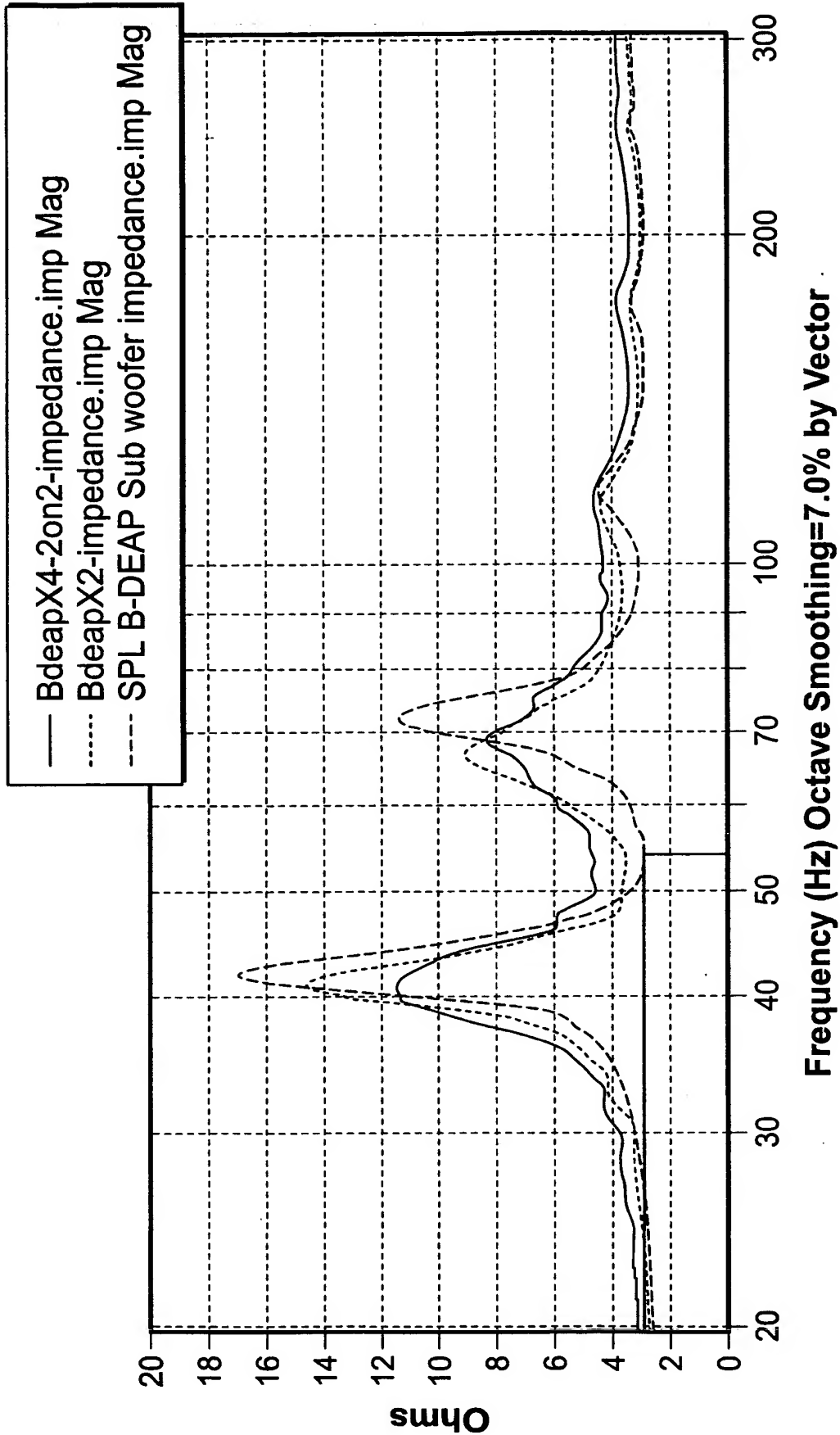


FIG. 14B